

Daily GLOWBUGS

Digest: V1 #72

via AB4EL Web Digests @ SunSITE

Purpose: building and operating vacuum tube-based QRP rigs

[AB4EL Ham Radio Homepage @ SunSITE](#)

%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%%

Subject: glowbugs V1 #72

glowbugs

Wednesday, July 9 1997

Volume 01 : Number 072

Date: Tue, 8 Jul 1997 12:24:15 -0600 (MDT)

From: James P Rybak <jrybak@mesa7.mesa.colorado.edu>

Subject: DISREGARD Message About Old CQs

Please disregard the recent message about old CQ magazines for sale. They already have been sold.

Jim W0KSD

Date: Tue, 8 Jul 1997 15:50:21 -0500 (EST)

From: "Roberta J. Barmore" <rbarmore@indy.net>

Subject: Operating!

Hi!

Just a quick note--had the "Jones" 6L6/TVI rig on the air again last night. Tried tuning it up into a 50R dummy and it loaded to 60mA; so I drug out the old SPC/Ultimate homebrew Transmatch and used it betwixt rig and antenna. This gadget's got fair harmonic/spur suppression, with a split-stator output condenser in the nominal T network that provides some shunt capacity lacking in a standard T-net.

Anyhow, the neighbors didn't call or come beat on the window, so it must have helped some. Worked VE3XQ in Ontario on 7050kc right off the mark! Nobody else after, but it's something anyway. :)

The SPC/Ultimate is a great big clumsy thing (and yet, somehow, I used close-spaced variable condensers when building it way back when)--still finishing up the Z-match, for which I have high hopes. But in the meantime, I'll keep me on the air!

Also have a new transmitter with "modern" pi-net output &c in the works--giving serious thought to slapping in a 6J5 Pierce osc and having a real MOPA job; dunno what kind of xtal current they run, though.

Didn't hear any BAers that I recognized, but didn't have a lot of time; hope to have it back on tonight, as I've got to come back in to work at 12:00A EST and there's no time for a nap.

73,
--Bobbi

Date: Tue, 08 Jul 1997 15:12:05 -0700
From: "Walt Turansky" <turansky@xroads.com>
Subject: National MB-150

Folks,

I posted this message last week but I am posting it again since I've been having problems receiving messages from Glowbugs. The problems seem to be fixed now.

I picked up a National MB-150 a couple of weeks ago from W.J. Ford Surplus and plan to use it as the tank circuit for a single ended 150W amplifier using an 812 or HF-100 triode. Has anyone had any experience with this tank circuit? According to the ad in the 1950 ARRL H'book, it is supposed to tune from 80-10 meters without coil changes and can handle 1500V.

73 de N7QFN,
Walt

Date: Wed, 9 Jul 1997 01:24:14 -0500
From: bill@skeeter.frco.com (William Hawkins)
Subject: Fishing boat problem

Seasons greetings (summer, that is).

Hasn't been anything much on here since June 23, so I thought that maybe you wouldn't mind something slightly off-topic but still needing home-brew skills. My son runs a 43 ton head boat (fishing party) out of Ocean City, MD. People pay him to take them where the fish are. This is usually around sunken wrecks on the otherwise featureless plain of the bottom. He uses GPS (and Loran) to locate the wrecks, once he's found them. The problem is that some people bring hand-held GPS units aboard and get the coordinates of the fishing spots. These can be sold to other less successful fishing boat captains, which can make a spot too crowded to fish.

I heard about this over a year ago, and then nothing, so I thought the problem had gone away. Went out on the boat with him last week, and he is still looking for an effective and legal way to prevent hand-held GPS receivers from obtaining the coordinates of a site.

It seems to me that a pulse strong enough to make the hand-held lose lock could be delivered at ten minute intervals, as the portables require about 15 minutes to sync up and give a position. The boat's receiver can lock in a minute. There usually isn't anyone around, and you are 20 miles out from land. The boat has plenty of electrical

power. So the question is, is it possible to disable portable GPS on a boat without bothering anyone else?

Yes, you can require the passengers to leave the GPS behind, but the kind of person who would do this can easily hide the unit.

Regards,
Bill Hawkins bill@skeeter.frco.com

Date: Wed, 9 Jul 1997 08:35:58 -0500 (CDT)
From: Dan Kerl <dlkerl@ro.com>
Subject: Re: Fishing boat problem

It would take a stout pulse, as the GPS is inherently spread-spectrum. I don't know what the legal aspects of this would be, particularly if the jamming technique used had the possibility of interfering with someone else's potentially critical use of the GPS.

Dan Kerl
dlkerl@ro.com

Date: Wed, 9 Jul 1997 10:15:51 -0400
From: "Brian Carling" <bry@mnsinc.com>
Subject: Re: Operating!

Hi everyone!

GREAT to see GLOWBUGS back up after being QRT for several days!

Glad to see that it is NOT a "silent key!"

On 8 Jul 97 at 15:50, Roberta J. Barmore wrote:

>
> Hi!
>
> Just a quick note--had the "Jones" 6L6/TVI rig on the air again last
> night. Tried tuning it up into a 50R dummy and it loaded to 60mA; so I
> drug out the old SPC/Ultimate homebrew Transmatch and used it betwixt rig
> and antenna. This gadget's got fair harmonic/spur suppression, with a
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> real MOPA job; dunno what kind of xtal current they run, though.
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> hope to have it back on tonight, as I've got to come back in to work at
> 12:00A EST and there's no time for a nap.

>
> 73,
> --Bobbi
>
>
>

* Brian Carling in Gaithersburg, Maryland, USA *
* E-mail: bry@mnsinc.com *
* <http://www.mnsinc.com/bry/> *

Thought for the day:

The future of international broadcasting will finally
one day lie in the hands of the common man!

Date: Wed, 9 Jul 1997 14:11:37 -0400 (EDT)

From: leeboo@ct.net (Leon Wiltsey)

Subject: amazing happining

>To:gb

>From: leeboo@ct.net (Leon Wiltsey)

>Subject: amazing happining

>

>Hi gang

>As you all know I am selling some tubes for an old gent who has a 55yr old
tv shop.

>

>I am also in the process of building a rec add on called a SELECTOJECT from
the 55

>edition of the RADAMHNDKB, Now for all you young kids who were not even
around then,

>the selectolect is a sharp single freq audio amp. or a rejection
filter. Tuning it to a single audio freq, such such a cw tone would give a
very large gain to that freq only. Or it can be used to remove a hetrodyne.
Had on in th 60's and it worked great with a Hall s40.

>

>Now the plans call for a dual 5 meg pot and also a 500k pot Where in the
world am I

>going to find these? I mentioned needing some pots to the old gent and he
dragged out

>a large box of salvaged pot an said " take your pick" So I grabbed a a
couple of

>dual section and single pots. Finished getting the tubes and left.

>Got home a got out my meter and the first pot I checked was sure enough a
dual 5 meg pot

> the second one was a single 500k pot. CAN YOU BEAT THAT? So now my
project will

>be built and I am going to put it into my hw16 which should make it much
easier to copy

>cw. I cant believe the stuff this guy has! Boxes of electrlytics, drawers
full of resisters of all sized also drawers full of any cap you might need,
also tube sockets transformers, chokes,

>pilot bulbs switches and a storeroom full of old tv's, car radios, stereo

chassis and speakers Boy what a find, especially in a small town where there are no dealers other than radio shack. BTW the manager of Radio Shack still insists they have 1t4 tubes available thru their cat.

> Read that they are needed by some of you. Well thats it from Sebring, am going to take

>bunch of his stuff to some hamfests.

>

>

>

THANK THE LORD FOR ALL YOU HAVE

68 yr old semidisabled senior
(stroke got my balance & hand to eye coordination)
ham agn as KF4RCL TECK+ (MUCH HAPPINESS)
BUILD MOST OF MY STATION EQUIP
SUB.BA & GB-- NO SOLID STATE

Leon B Wiltsey (Lee)
4600 Lake Haven BLVD.
Sebring, Fl. 33872

SEBRING FL. WHERE THERE IS NO QRM
FROM ANYTHING LOCAL

Date: Wed, 9 Jul 1997 10:12:12 -0700
From: "James H. Haynes" <haynes@cats.ucsc.edu>
Subject: Re: Fishing boat problem

Yeah, it would be better for him just to prohibit GPSs on board.

Wonder if you can detect the presence of GPS receivers by e.g. local oscillator radiation?

Date: Wed, 09 Jul 1997 14:18:07 -0600
From: "Terry L. Dobler" <kj7f@micron.net>
Subject: Re: Fishing boat problem

Gang,

The handheld GPS receivers I have used were able to lock up in a mater of seconds. It all depends on how many satellites are in range when you turn it on. If I remember correctly it needed three satellites in order to get a fix. More satellites gave better accuracy.

Besides being illegal, I don't think he will be able to jam their GPS receivers without messing up his own unit.

Terry

End of glowbugs V1 #72

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Created by **Steve Modena, AB4EL**
Comments and suggestions to **modena@SunSITE.unc.edu**
